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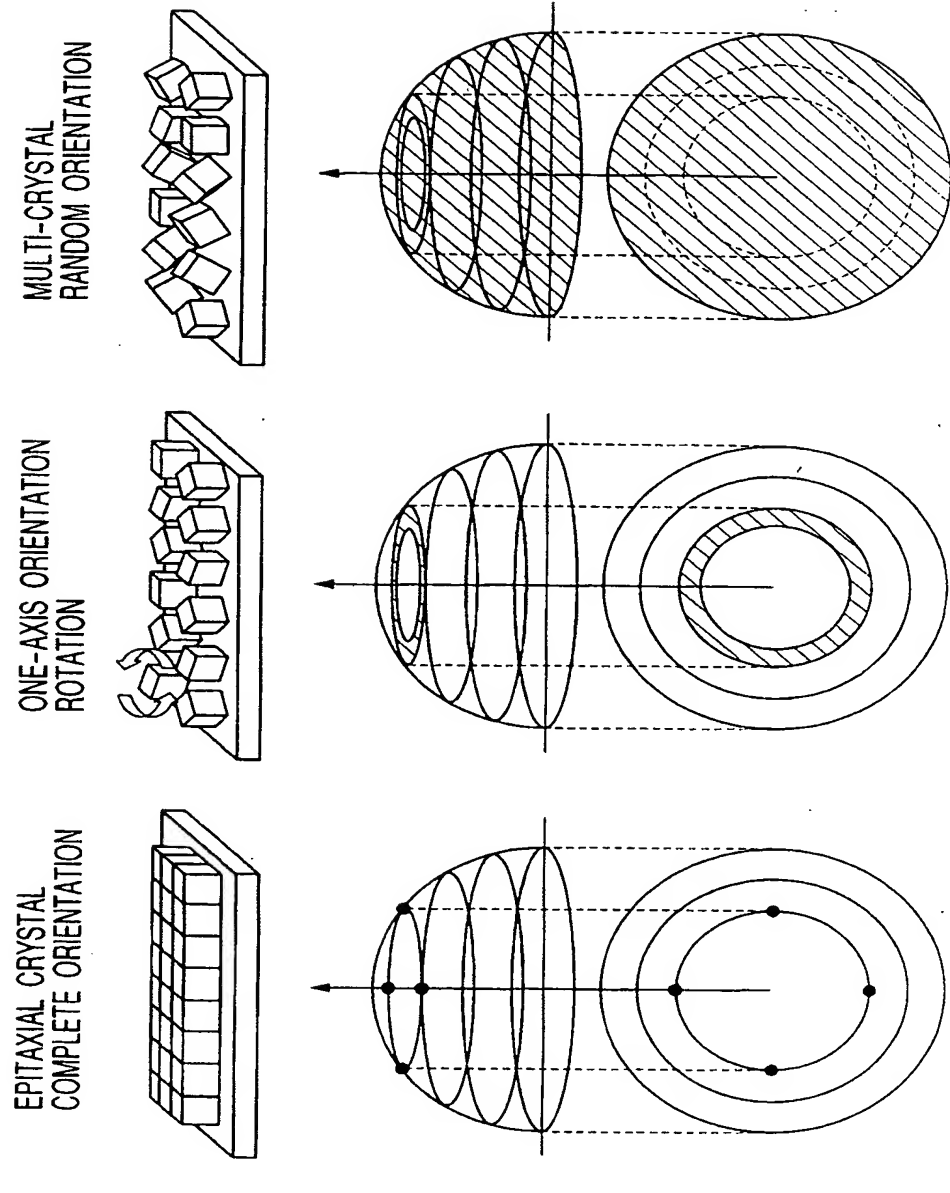
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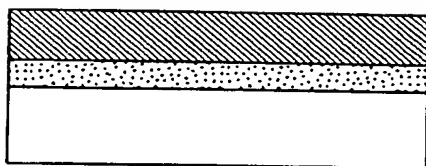
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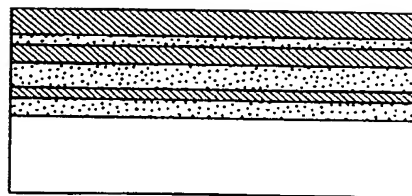
FIG. 1



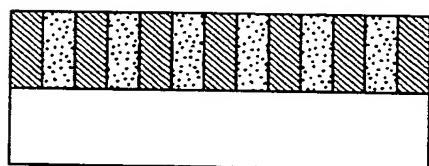
*FIG. 2A*



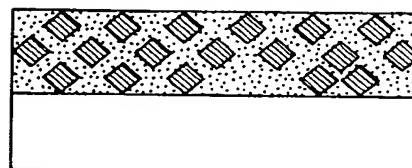
*FIG. 2B*



*FIG. 2C*



*FIG. 2D*



*FIG. 2E*

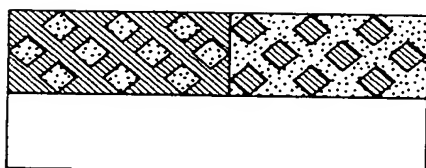


FIG. 3

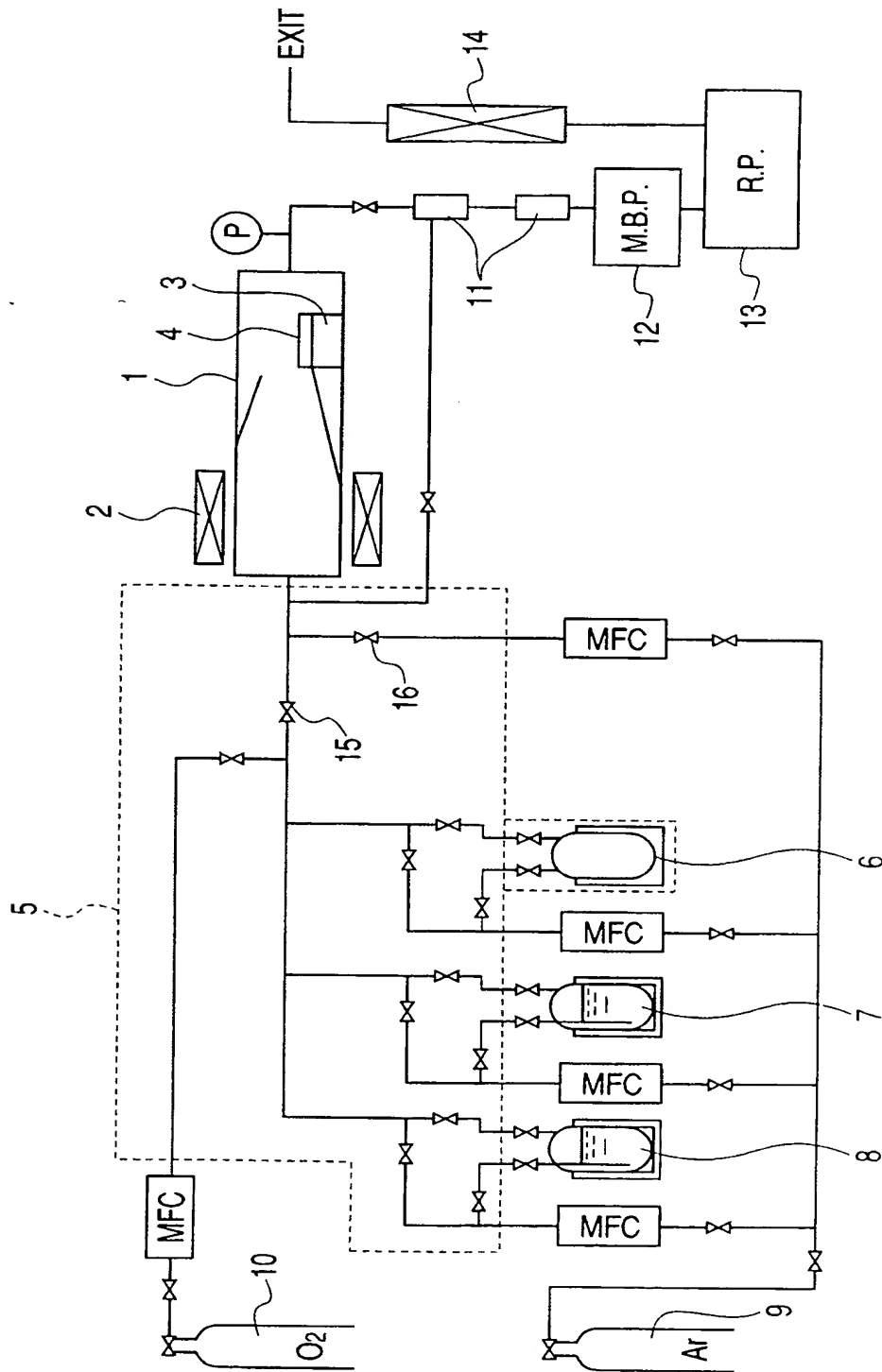
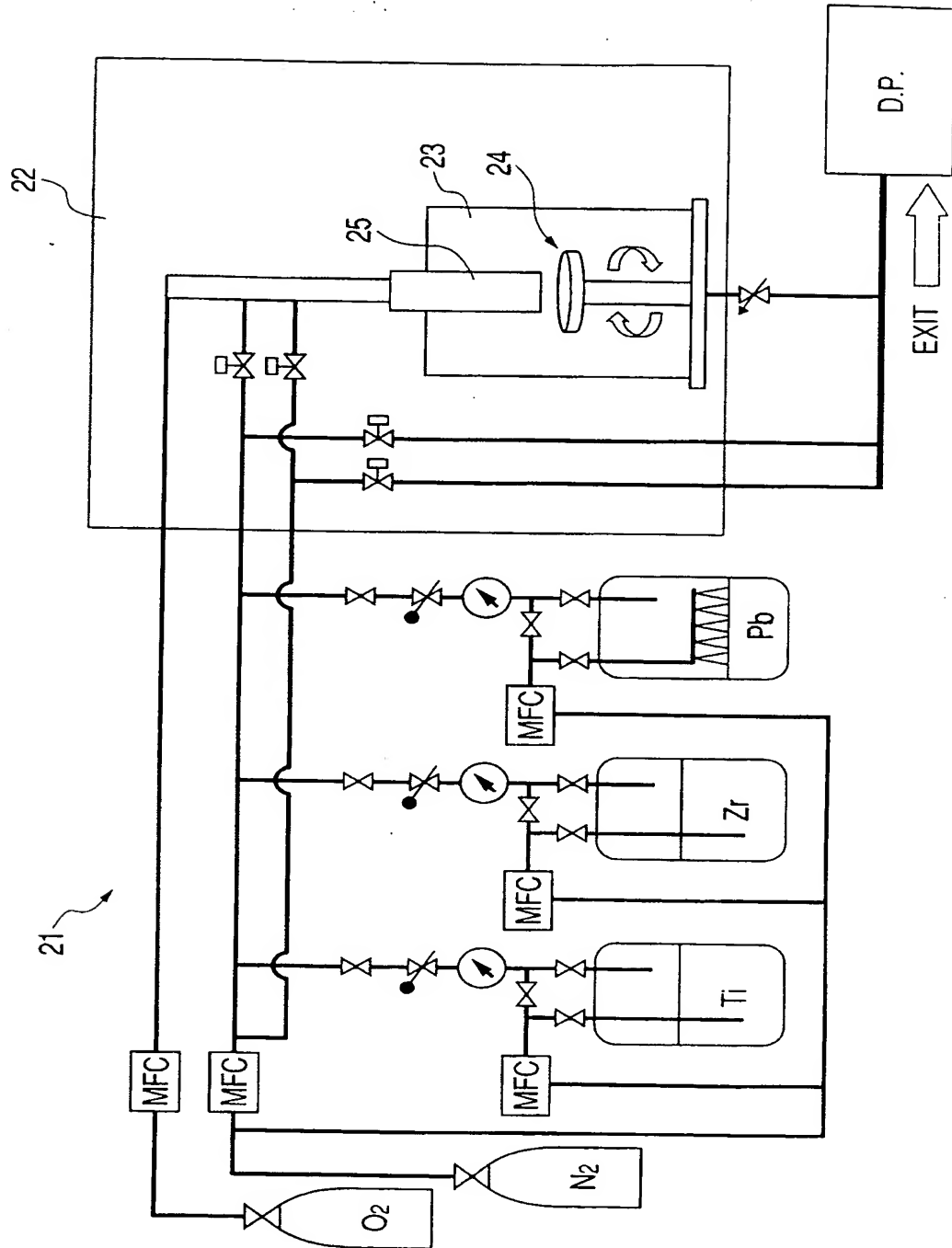


FIG. 4



**FIG. 5**

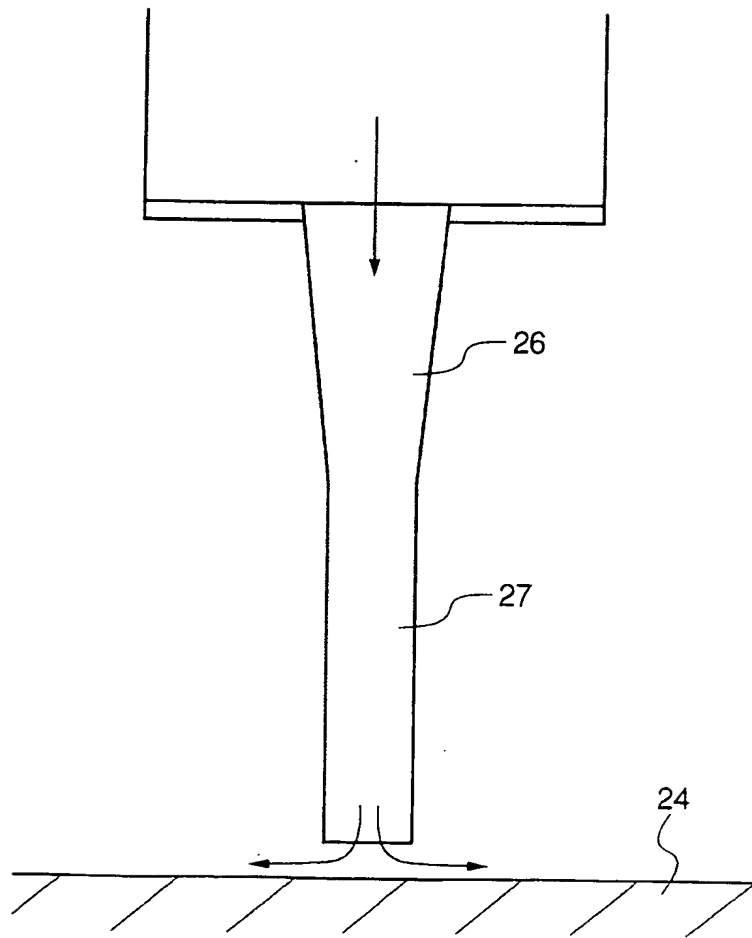


FIG. 6

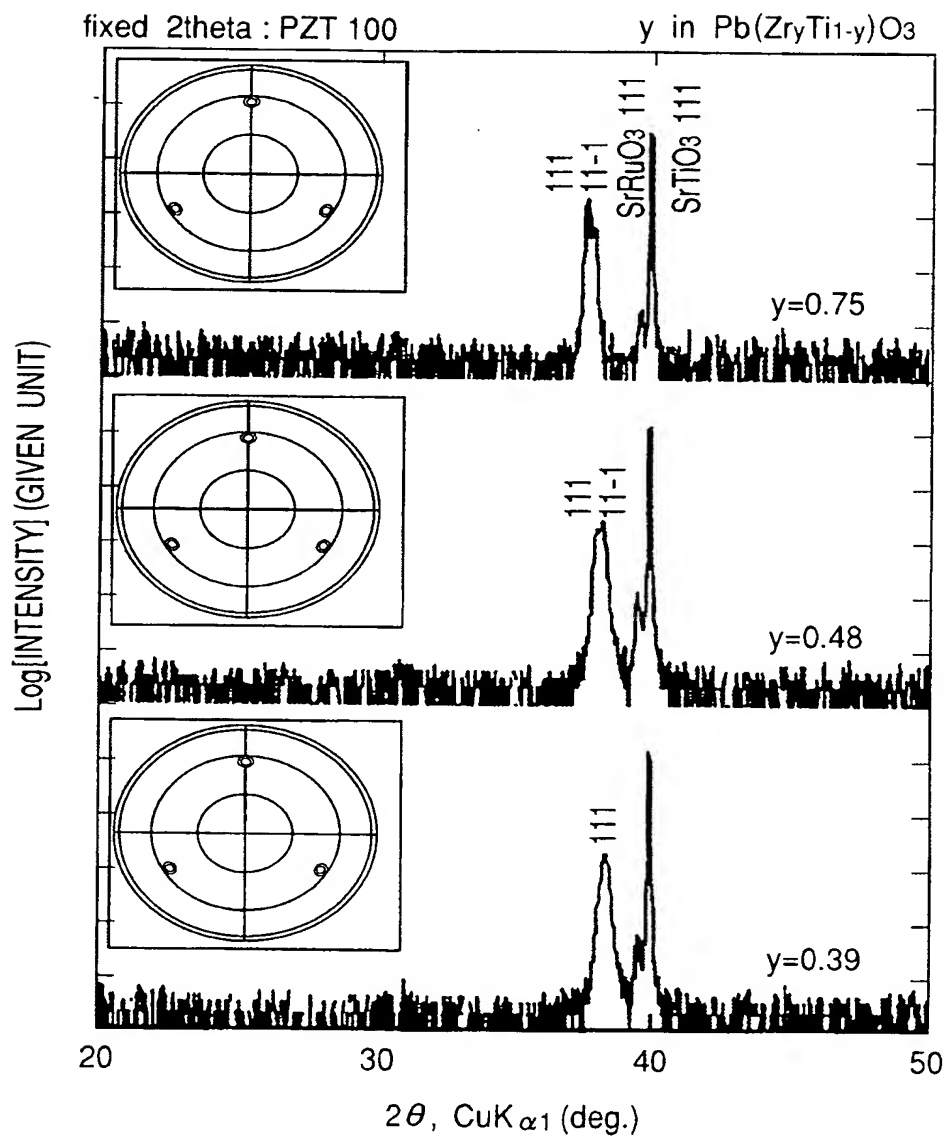


FIG. 7

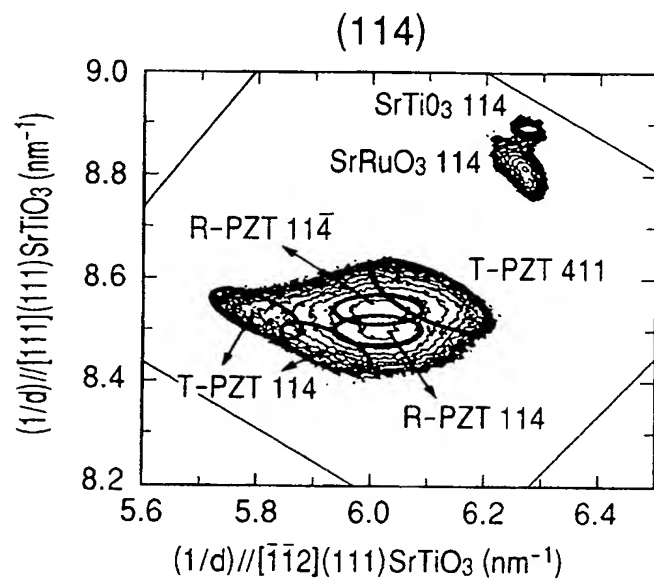
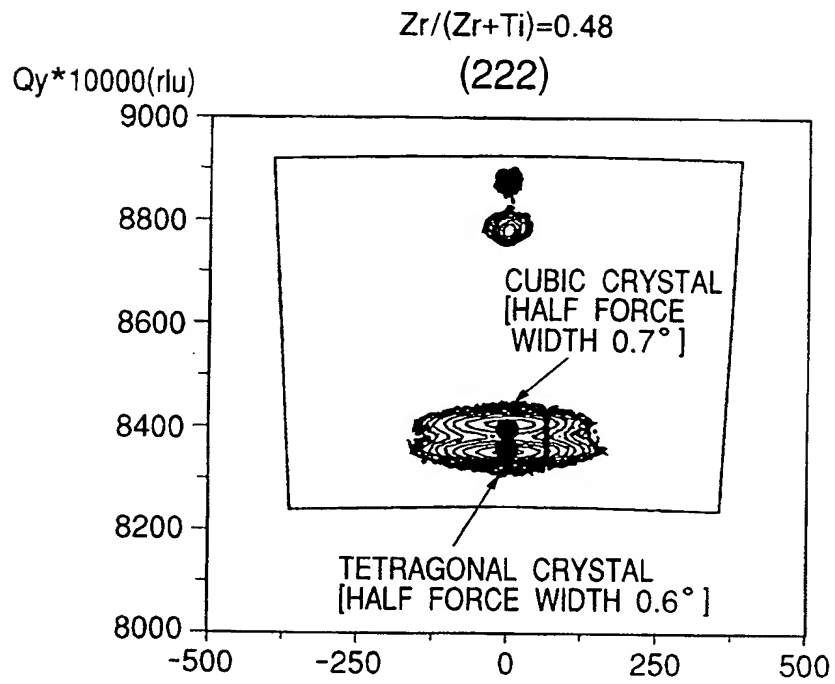




FIG. 8

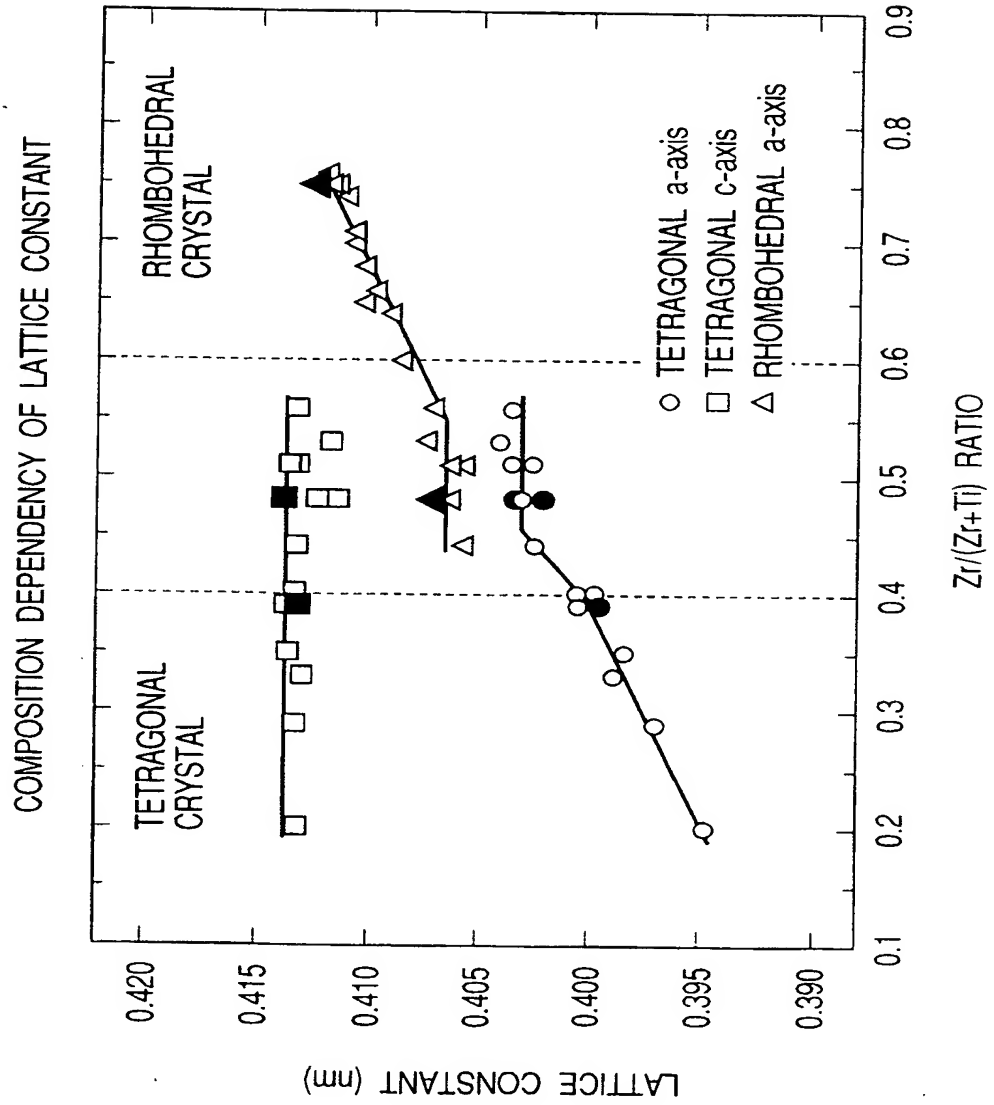


FIG. 9

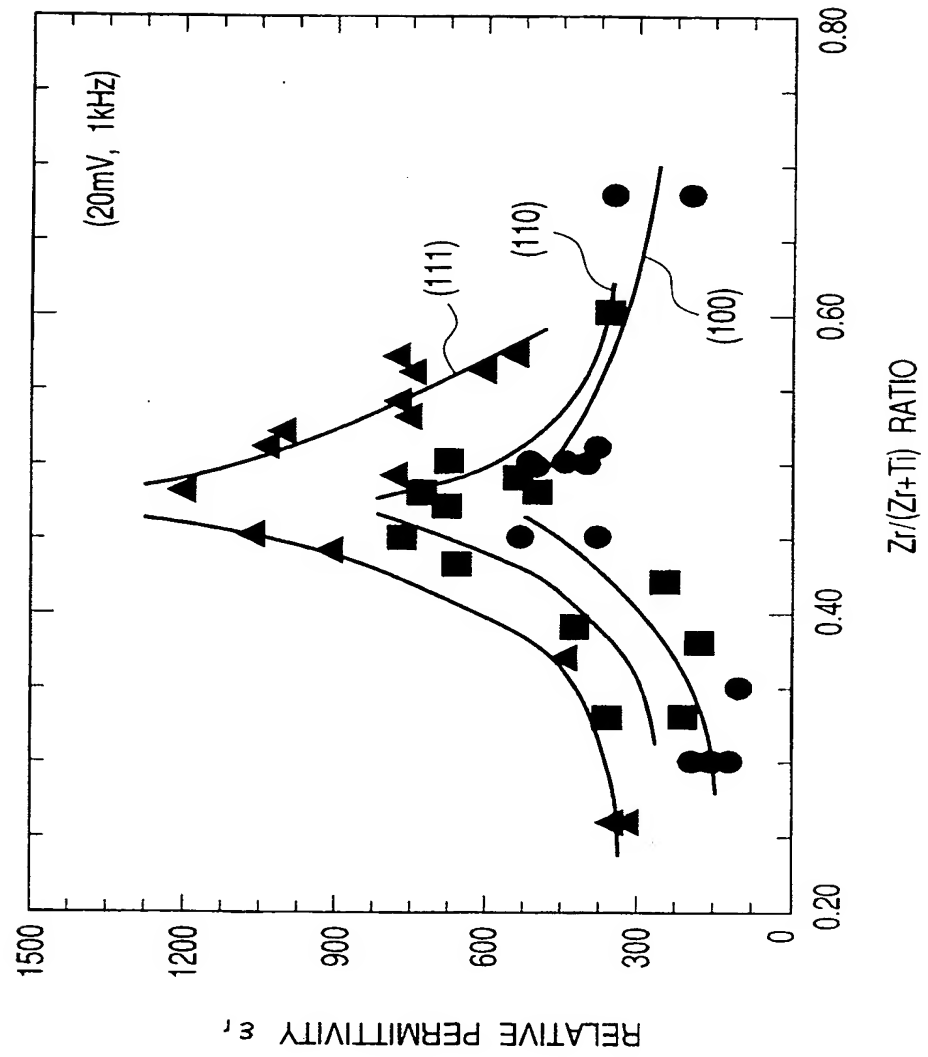


FIG. 10

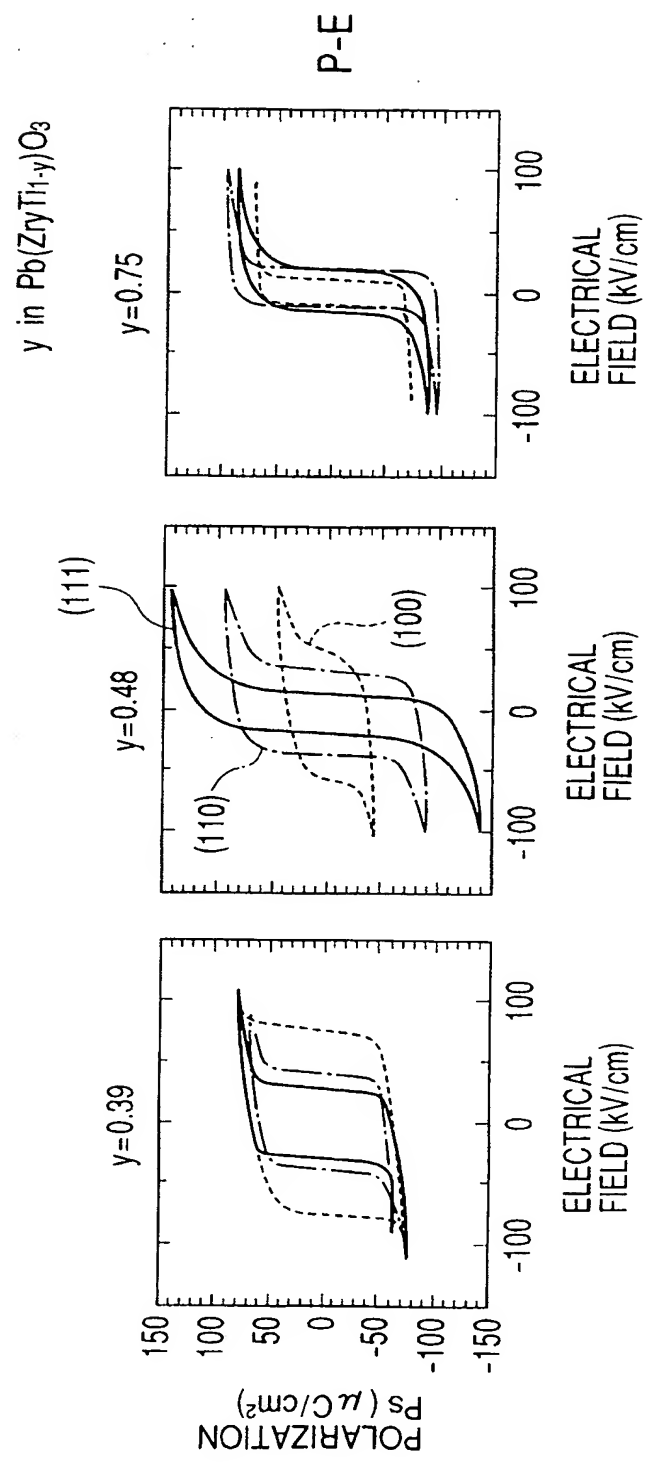


FIG. 11

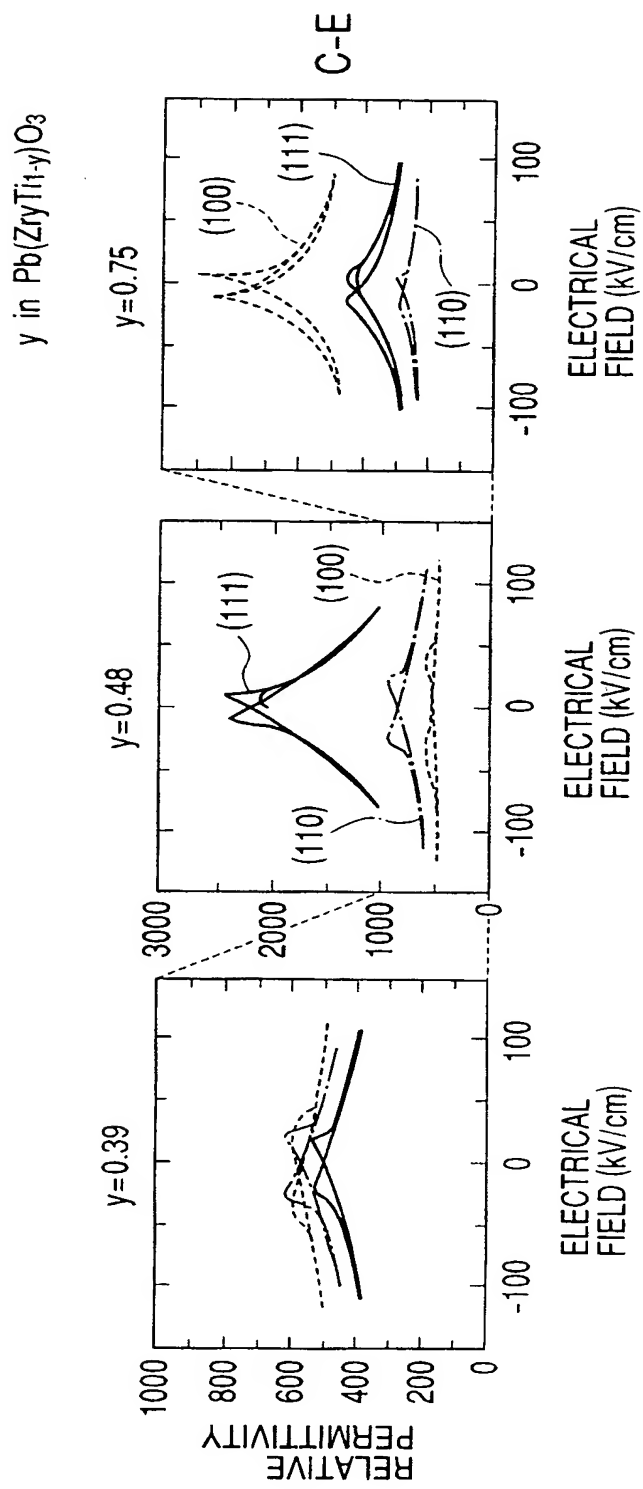


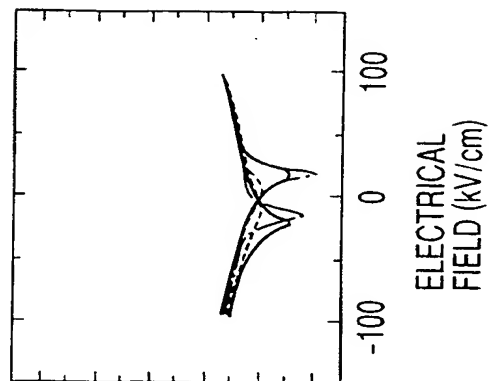
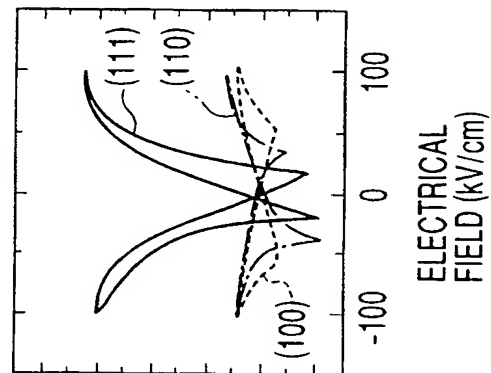
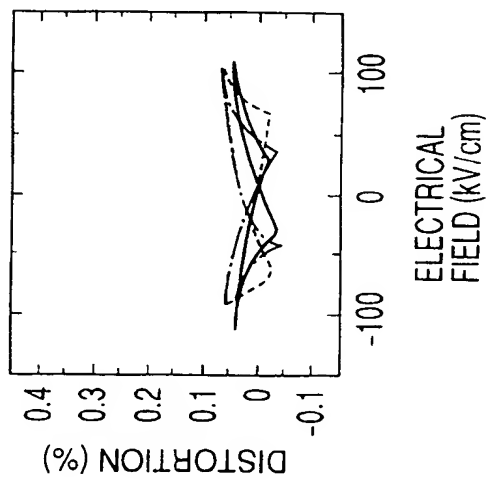
FIG. 12

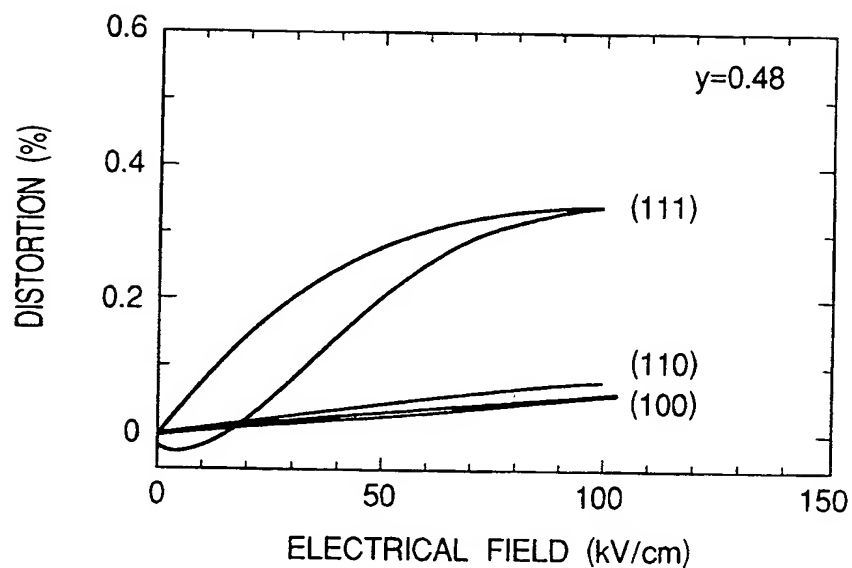
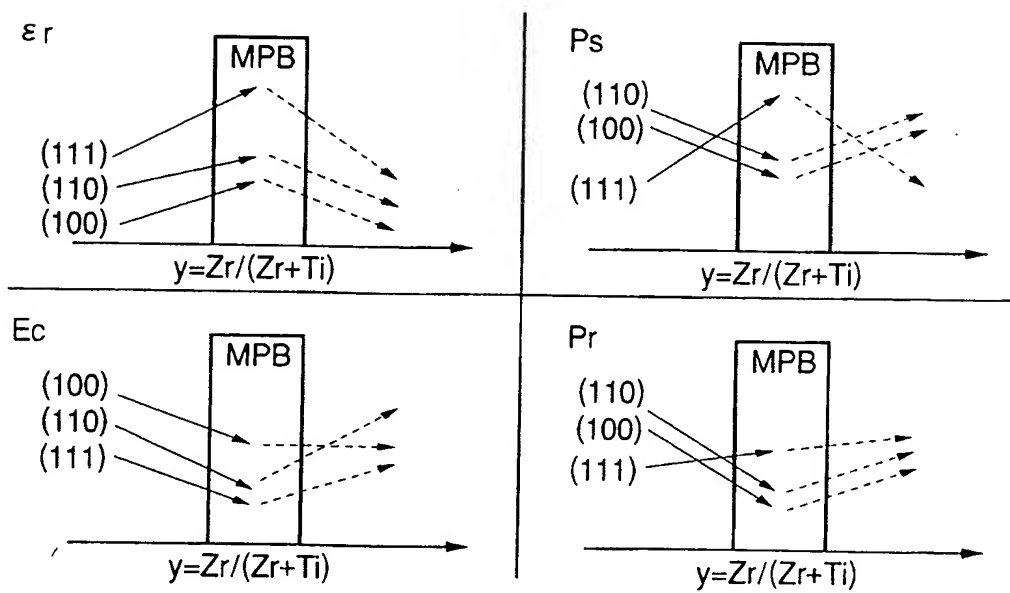
y in  $\text{Pb}(\text{Zr}_y\text{Ti}_{1-y})\text{O}_3$

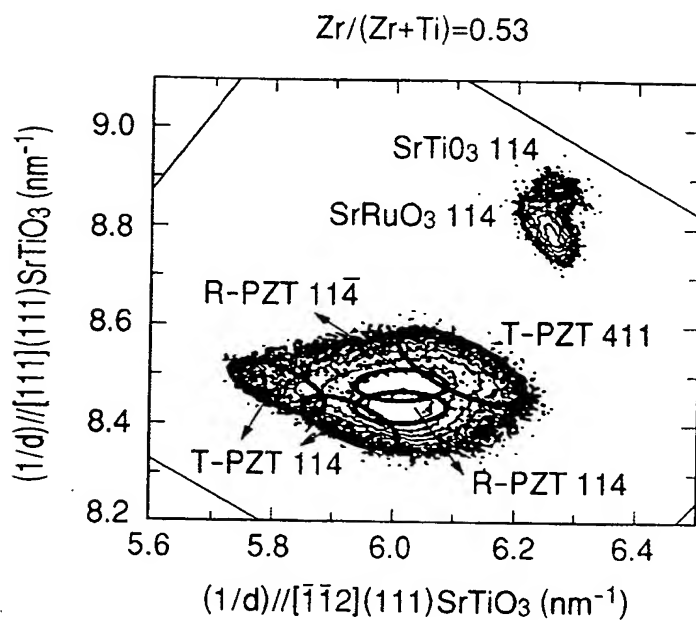
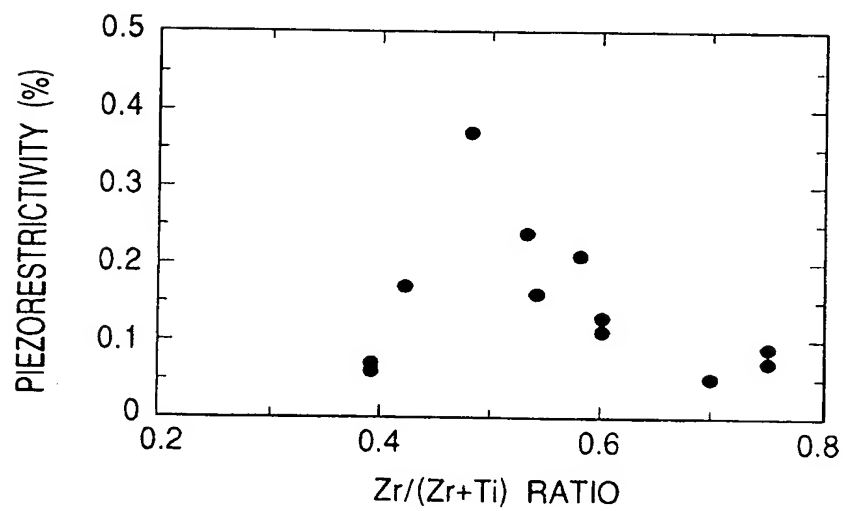
y=0.39

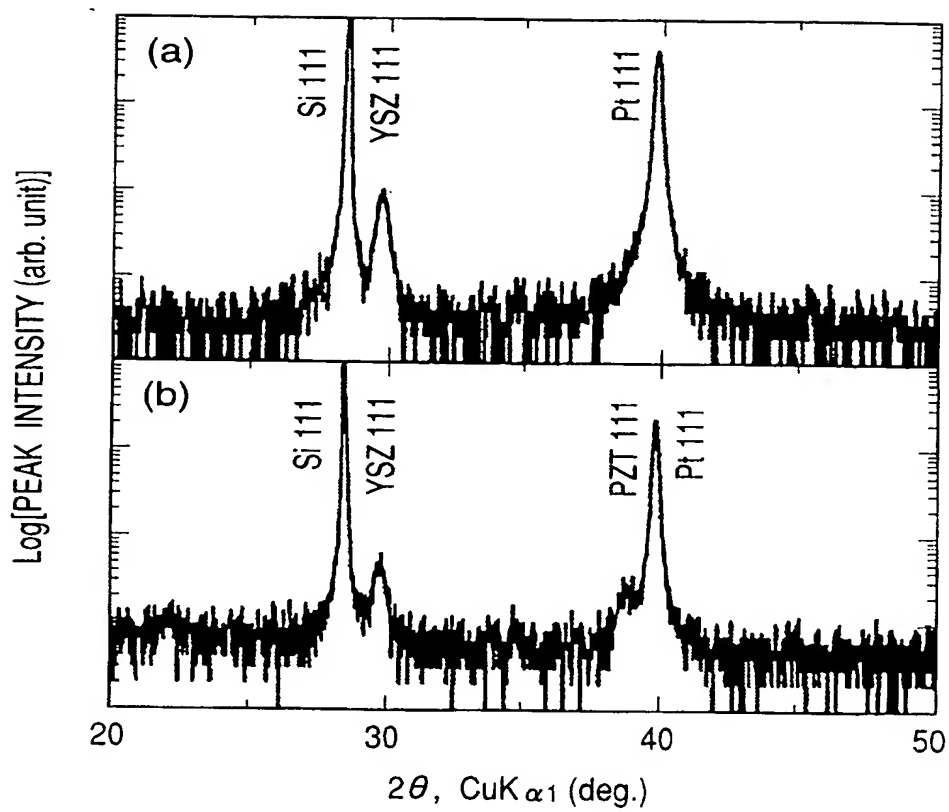
y=0.48

y=0.75



**FIG. 13****FIG. 14**

**FIG. 15****FIG. 16**

**FIG. 17**

(a) (111)Pt//(111)YSZ//(111)Si SUBSTRATE

(b) (111)PZT//(111)Pt//(111)YSZ//(111)Si SUBSTRATE



FIG. 18

